REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8702040072 DOC. DATE: 87/01/29 NOTARIZED: NO DOCKET #
FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
AUTH. NAME AUTHOR AFFILIATION
WOODY, C. O. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Forwards list of corrective actions taken to resolve fire protection Deviation 83-57-01, Item A. Safe shutdown analysis revised to delete cables which have been removed from essential cable list. Listed cables revised.

DISTRIBUTION CODE: A006D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
TITLE: OR/Licensing Submittal: Fire Protection

NOTES:

	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL
	PWR-B PD8 LA		1	0	PWR-B PD8 PD	01	5	5
	TOURIGNY, E		1	1	PWR-B PEICSB		1	1
INTERNAL:	ADM/LFMB		1	0	ELD/HDS2		1	0
	IE WHITNEY, L		1	1	~~NRR STANG, J~~	07	2	2
	NRR WERMEIL, J06		1	0	REG FILE	04	1	1
EXTERNAL:	LPDR	03	1	1	NRC PDR	02	1	1
	NSIC	05	1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTTR 18 ENCL 14

P. O. 14000, JUNO BEACH, FL 33408-0420

FPL

JANUARY 29 1987

L-87-42

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: St. Lucie Unit 2
Docket No. 50-389
Appendix R
Deviation 83-57-01, Item A

To resolve fire protection Deviation 83-57-01 Item A, Florida Power & Light Company (FPL) requested a walkdown at the site with the NRC. The walkdown identified the specific areas where the deviation existed and the options available to correct the deviation. By letter (L-86-270 dated July 3, 1986), FPL provided a preliminary plan to correct the deviation, and a schedule for the engineering of the proposed corrective actions.

The plant change/modification package has been developed to resolve this issue and has been turned over to the plant for implementation. A description of the final resolution is attached.

FPL intends to complete implementation of the plant change/modification prior to start up of St. Lucie Unit 2 for Cycle 4 scheduled for Fall 1987.

Very truly yours,

C. O. Woody
Group Vice President
Nuclear Energy

COW/GRM/cab

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC
USNRC Senior Resident Inspector, USNRC

A006
1/1

GRM5/011/1

ATTACHMENT

ST. LUCIE 2 SPRINKLER DEVIATION CORRECTIVE ACTIONS (NRC DEVIATION 83-57-01 ITEM A)

1. Fire Area B Zone 52, Elevation 43 ft. Cable Spread Room

Corrective Action

Revised the Safe Shutdown Analysis to delete cables which have been removed from the Essential Cable List or to change the analysis for cables isolated by transfer switches and therefore no longer require protection. The following cables are being revised.

Cable No.	Cable Function	Modifying PCM
H21631A	1-SE-09-2, AFW P2A Power	Removed by PCM 120-285
H203370F	PT-1108, Pressurizer Press RTGB	(See note 1)
H20649A	120V AC, PP201, HSCP	(See note 2)
H21738M	PY-1108-4, Pressurizer Press HSCP	(See note 3)
C20250B	V-3481, SDC 2A ISO Control	(See note 4)
H21629E	V-1474 PORV Control	Isolated by TS PCM 130-284
H20253B	V-3651 Control	(See note 4)
H21630E	V-1475 PORV Control	Isolated by TS PCM 130-284

NOTES:

1. Isolated by isolation device during frontfit of St. Lucie Unit 2.
2. Cable has been removed from PP201 and re-connected to PP201A by PCM 121-285.
3. Isolated by isolation device added via this PCM.
4. Breaker racked out by operating procedures - valve can be operated manually by hand wheel for cold shutdown.

A portion of our scope to the NRC was to provide conduit support wrap for those conduits being protected in the Cable Spread Room (CSR). An evaulation of the cables protected in the CSR revealed that they were subsequently removed or modified such that credit is no longer taken for any cable wrap in this room. Disposition of these cables is shown above.

2. Fire Area H Zone 39, Elevation 43 ft. HVAC Equipment Room Hallway, between Column Lines RAH and RAG.

Corrective Action

Add two (2) sprinklers*

3. Fire Area I Zone 5, Elevation 19.5 ft. in Corridor of Loft Area Between Column Lines RA3-RA2.5-RAJ-RAJ3

Corrective Action

Add one (1) sprinkler*

4. Fire Area) Zone 20, Elevation -.5 ft. Hallway Between Column Lines RAE and RAD

Corrective Action

Add two (2) sprinklers*

* The new piping and additional sprinklers will be designed and installed per the requirements of NFPA-13, 1985 edition and will be seismically supported.